

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: #1695 INTER-WAX
 Date Printed: May 20, 2011
 Product Use/Class: Cavity Wax

Supplier: International Epoxies & Sealers
 30241 Commerce Drive
 San Antonio, FL 33576
 Information Phone: 1-800-451-7206

Emergency Telephone: INFOTRAC 1-800-535-5053
 Outside the U.S. Call collect: 1-352-323-3500

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterizations: Mixtures
 Description: Mixture of the substances listed below with non-hazardous additions.

Item	Chemical Name	CAS (EINECS) Number	%
01	Naptha (petroluem), hydrodesulfurized heavy	64742-82-1 (265-185-4)	25-<50%
02	Naptha (petroluem), hydrotreated heavy	64742-48-9 (265-150-3)	5-<10%

Additional information: For the wording of the listed risk phrases refer to section 16

3. HAZARDOUS IDENTIFICATION

Classification of the substance or mixture

· Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Dangerous for the environment
 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 Flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

· Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
 At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.
 Has a narcotizing effect.

· Classification system:

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

Label elements

· Labelling according to EU guidelines:

The product has been marked in accordance with national laws.
 The product has been classified and marked in accordance with directives on hazardous materials.
 The R and S phrases may be omitted if packaging contains no more than 0.125 liter.

· Code letter and hazard designation of product:

N Dangerous for the environment

· Risk phrases:

Flammable. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness

· Safety phrases:

Do not breathe fumes / aerosol. Avoid contact with skin. In case of fire, use sand, carbon dioxide or powdered extinguishing agent. Never use water. Use only in well-ventilated areas. Use appropriate container to avoid environmental contamination. This material and its container must be disposed of as hazardous waste.

Hazard description:

- Canadian Hazard Symbols

B2 - Flammable liquid

Classification system:

- NFPA ratings (scale 0 – 4)

Health = 0 Fire = 3 Reactivity = 0

- HMIS-ratings (scale 0 – 4)

Health = 0 Fire = 3 Reactivity = 0

- Other hazards

The petroleum naphtha / petroleum distillate / lubricating oil meet the requirements for not being classified as carcinogenic (<0.1% Benzene alt<3% (w/w) DMSO-extrakt (IP 346))

4. FIRST AID MEASURES

Skin Contact: If skin irritation continues, consult a doctor.

Eye Contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

Ingestion: If symptoms persist, consult a doctor.

5. FIRE FIGHTING MEASURES

Suitable extinguishing agents: CO2, sand, extinguishing powder. Do not use water.

For safety reasons unsuitable extinguishing agents: Water. Water with full jet

Special hazards arising from the substance or mixture: No further relevant information available.

Protective equipment: No special measures required.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Wear protective equipment. Keep unprotected persons away.

Environmental precautions: Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents

Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7. HANDLING AND STORAGE

Handling:

Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace. Prevent formation of vapor.

Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke. Protect against electrostatic charges.

Storage:

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Keep receptacle tightly sealed.

Specific end use(s): No further relevant information available.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Additional information about design of technical systems: No further data; see item 7.

Components with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists that were valid during the creation were used as basis.

Personal protective equipment:

General protective and hygienic measures: Wash hands before breaks and at the end of work. Do not inhale gases / fumes / vapors.

Breathing equipment: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Protection of hands: Protective gloves

Material of gloves: Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material: > 480 min. The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Tightly sealed goggles

Body protection: Use protective suit.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Fluid

Color: Beige

Odor: Characteristic

Odour threshold: Not determined.

pH-value: Not determined.

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 142°C

Flash point: 36°C (DIN 53213)

Flammability (solid, gaseous): Not applicable.

Ignition temperature: 200°C

Decomposition temperature: Not determined.

Auto igniting: Product is not selfigniting.

Danger of explosion: Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

Explosion limits: Lower: 0.6 Vol % Upper: 7.0 Vol %

Vapor pressure at 20°C: 2 hPa

Vapour pressure at 50°C: 15 hPa

Density at 20°C: 0.85 g/cm³ (DIN 51757)

Relative density: Not determined.

Vapour density: Not determined.

Evaporation rate: Not determined.

Solubility in / Miscibility with Water: Not miscible or difficult to mix.

Segregation coefficient (n-octanol/water): Not determined.

Viscosity: Dynamic: Not determined.

Kinematic at 20°C: 30 s (DIN 53211/4)

Organic solvents: 52.8 %

VOC content: 52.8 %

Solids content: 47.2 % (DIN 53216)

Other information: No further relevant information available.

VOC (EU): 52.80 %

VOC (EU): 448.8 g/l

VOC (US): 448.8 g/l / 3.75 lb/gl

10. STABILITY AND REACTIVITY

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Incompatible materials:

No further relevant information available.

Hazardous decomposition products:

No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

LD/LC50 values that are relevant for classification:

64742-82-1 Naphtha (petroleum), hydrodesulfurized heavy

Oral LD50 >5000 mg/kg (RAT)

Dermal LD50 >3000 mg/kg (RABBIT)

Inhalative LC50/4 h >2.8 mg/l (RAT)

Primary irritant effect:

On the skin: No irritant effect.

On the eye: No irritating effect.

Sensitization: No sensitizing effects known.

12. ECOLOGICAL INFORMATION

Ecological information

Acquatic toxicity: No further relevant information available.

Persistence and degradability No further relevant information available.

Behavior in environmental systems:

Bioaccumulative potential No further relevant information available.

Ecotoxic effects:

MATERIAL SAFETY DATA SHEET

Product #1695

Remark: Toxic for fish

Additional ecological information:

General notes:

Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground. Also poisonous for fish and plankton in water bodies. Toxic for aquatic organisms

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Recommendation: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

14. TRANSPORTATION INFORMATION

U.S. Dept. of Transportation Ground (49 CFR):

Proper Shipping Name:	Coating Solution
Hazard Class or Division:	3
DOT UN/NA Number:	UN1139
Label:	3

Land Transport ADR/RID (cross-border):

ADR/RID Class	3 Flammable Liquids
Danger Code (Kemler)	30
UN Number	1139
Packaging Group	III
Special Marking	Symbol (fish and tree)
UN Proper Shipping Name	1139 Coating Solution, special provision 640E, Environmentally Hazardous

IMDG Shipping Information:

IMDG Hazard Class:	3
IMDG Shipping Information:	UN1139
Label	3
Packing Group:	III
EMS Number:	F-E, S-E
Marine Pollutant:	Yes
Special Markings:	Symbol (fish and tree)
Proper Shipping Name:	Coating Solution

IATA-DGR and ICAO-TI Shipping Information:

ICAO/IATA Class:	3
UN/ID Number:	1139
Label:	3
Packaging Group:	III
Proper Shipping Name:	Coating Solution
Environmental Hazards:	Product contains environmentally hazardous substances: Naphtha (petroleum), hydrodesulfurized heavy
Transport/Additional information:	For ADR and IMDG: Transport and packing are in accordance with the regulation for limited quantities. These products are therefore classified as no dangerous goods..

15. REGULATORY INFORMATION

Product related hazard informations:

The product has been marked in accordance with national laws.

The product has been classified and marked in accordance with directives on hazardous materials.

The R and S phrases may be omitted if packaging contains no more than 0.125 liter.

Hazard symbols:

N Dangerous for the environment

Risk phrases:

Flammable.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Repeated exposure may cause skin dryness or cracking.

Vapours may cause drowsiness and dizziness

Safety phrases:

Do not breathe fumes /vapors!

Avoid contact with skin.

In case of fire, use sand, carbon dioxide or powdered extinguishing agent. Never use water.

Use only in well-ventilated areas.

Use appropriate container to avoid environmental contamination.

This material and its container must be disposed of as hazardous waste.

National regulations:

Water hazard class: Water hazard class 2 (Self-assessment): hazardous for water.

Other regulations, limitations and prohibitive regulations

please note: 2-1

16. OTHER INFORMATION

Legend: N.A. - Not Applicable N.E. - Not Established N.D. - Not Determined

Prepared by: Technical Manager

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END OF MSDS